

Occupational Therapy Services

Pediatric Brachial Plexus Injuries

Patient Symptoms

- Decreased movement in affected arm
- Delayed or abnormal Sensory-Motor development of arm
- Contractures/Tightness of arm
- Atrophy of arm
- Suspicion of birth-related nerve damage or injury in arm

Occupational Therapy Intervention

- OT evaluation
- Sensory-Motor Education
- Family education, in home exercise program
- Focus on developmental milestones and age appropriate ADL's (play, academic, etc.)
- Positioning and joint protection strategies
- Fabrication and incorporation of:
 - Orthotic
 - Splinting
 - Neuromuscular electrical muscle stimulation (NMES)
- EMG/NCV services available through Carolinas Rehabilitation Specialists (as requested by referring physician)

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